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OVERVIEW

The EZ-KIT Lite contains the ADSP-2181 EZ-LAB evaluation board, ADSP-2181 Development Software, IBM PC compatible host software, example programs and demos, and documentation. You can obtain additional information and documentation from your local Analog Devices sales office or authorized distributor. You may find this documentation useful if you are planning to do a significant amount of ADSP-2181 code development. The following documents can be obtained or purchased:

ADSP-2100 Family User's Manual
ADSP-2100 Family Assembler Tools & Simulator Manual
ADSP-2181 User's Manual

To fully utilize all the functions of the EZ-KIT Lite you will need to install the provided software on to an IBM compatible PC and connect the EZ-KIT Lite board to the PC as well as connect it to a power supply, analog input source and amplified speakers.

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QUICK START SOFTWARE INSTALLATION

This section contains a very brief description of the EZ-KIT Lite software installation procedure. It is written for experienced PC users familiar with installing software onto their PC.

The install utility for the EZ-KIT Lite should be run under Windows™.

1. Make sure Windows is running.

2. Insert EZ-KIT Lite Software disk into a floppy drive. (usually A: or B:)

3. Open the Program Manager window, if it is not already open.

4. From the File menu, select Run. The Run dialog box should appear.

5. In the "Command line" box type `A:\SETUP.EXE` (or `B:\SETUP.EXE`).

6. Click on OK or press enter.

7. Follow the instructions on the screen.

Note: You will need to edit your AUTOEXEC.BAT file in the following manner.

1. Add the environment variable `SET ADI_DSP=C:\ADI_DSP`

2. Append to the path variable `C:\ADI_DSP\21XX\BIN`

A detailed installation procedure is described in the next chapter.

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REQUIREMENTS

To run the EZ-KIT Lite software, you will need:

- 386- (or higher) based PC with a hard disk, high-density floppy disk drive, color video card and VGA monitor, and a minimum of 2 MB extended RAM.
- 4 MB of free disk space to install the software.
- DOS 3.1 or higher.
- Microsoft Windows 3.1 or higher.

The setup program will create the following tree in the specified destination path:

21XX\BIN	Assembler, linker, simulator, and splitter DOS executables
21XX\ETC	Error messages and simulator on-line help
21XX\INCLUDE	2181 header file
21XX\LIB	2181 architecture file
21XX\EZKITL	Windows host program and demo .EXE files
21XX\EZKITL\2181\MONITOR	Source code and batch file for creating monitor program
21XX\EZKITL\2181\DSP	Source code and batch files for creating demo .EXE files
21XX\EZKITL\2181\DSP\ADPCM	
21XX\EZKITL\2181\DSP\DTMF	
21XX\EZKITL\2181\DSP\ECHO	
21XX\EZKITL\2181\DSP\FIRDEMO	
21XX\EZKITL\2181\DSP\LPC2K4	
21XX\EZKITL\2181\DSP\LPC7K8	

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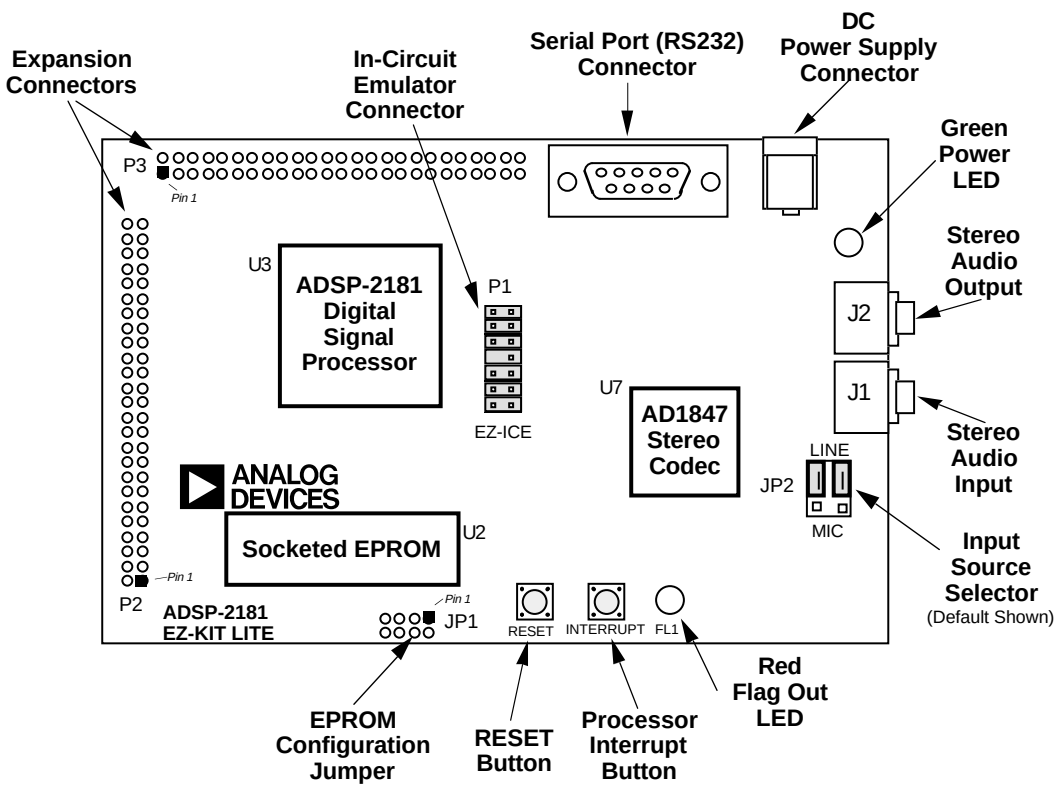
QUICK START HARDWARE INSTALLATION

The diagram below shows where connections for power, RS-232, audio input, and audio output are made. After all connections are made, apply power and press the reset button.



ADSP-2181 EZ-LAB Board Diagram

A detailed installation procedure is described in the next chapter.